| POSITION                  | INITIALS | ID NO. | DATE    |
|---------------------------|----------|--------|---------|
| FEE DETERMINATION         | BA       |        | 07-06-d |
| O.I.P.E. CLASSIFIER       | 77 12    |        |         |
| FORMALITY REVIEW          | TH       | 1118   | 8-20-01 |
| RESPONSE FORMALITY REVIEW | *        |        |         |

## **INDEX OF CLAIMS**

| ~          | Rejected                   | N | Non-elected  |
|------------|----------------------------|---|--------------|
| =          | Allowed                    | I | Interference |
| _          | (Through numeral) Canceled | Α | Appeal       |
| <u>.</u> . | Restricted                 | 0 | Objected     |

| •                  |            |               | ٨            |  |         | -<br>÷   | (1       | Thro   | ougl           | h ni         | umo      | eral  | ) ا      | Cano<br>Resi | cele     | d<br>ed  |                 |          |          | A<br>0   |          |           | <br>         |          | ••••• |          | . Ap       | ope:           | al<br>:ted   |              |   |            |          |  |          |               |          |
|--------------------|------------|---------------|--------------|--|---------|----------|----------|--|----------------|--------------|----------|-------|----------|--------------|----------|----------|-----------------|----------|----------|----------|----------|-----------|--------------|----------|-------|----------|------------|----------------|--------------|--------------|---|------------|----------|--|----------|---------------|----------|
| _                  |            |               | ħ            | 8  |         |          |          |  |                | •••••        |          | <br>1 |          |              |          |          |                 |          |          |          |          |           |              |          |       |          |            |                |              |              |   |            |          | _  |          |               |          |
| C                  | aim        | 1             | 18           | <u>}                                    </u> | _       | Dat      | e        | _  |                | _            | _        |       | CI       | aim          | ١.,      |          | _               |          | Dat      | e        | _        | _,        |              |          |       |          |            |                |              |              |   | Dat        | e        |  |          | $\overline{}$ | $\dashv$ |
| Final              | Orighas    | X             | 120          |  |         |          |          |  |                |              |          |       | Final    |              |          |          |                 |          |          |          |          |           |              |          |       | Final    | Original   |                |              |              |   |            |          |  |          |               |          |
|                    | N          |               | <b>V</b>     |  |         |          |          |  |                |              |          |       |          | 51           | Ш        |          |                 |          |          |          |          |           | _            |          |       |          | 101        |                |              |              |   | Ш          |          |  | _        | $\dashv$      | _        |
| L                  | 2          |               | Ц            | ↓_   | $\bot$  | $\perp$  |          |  |                |              |          |       | L        | 52           | Щ        |          |                 | Ш        |          | $\Box$   | _        | 4         | _            | Щ        |       |          | 102        |                |              |              |   | Ш          | _        | _  | _        | _             | _        |
| L                  | 3          | -             | Ш            | ╀  | ┸-      | <u> </u> |          |  |                |              | L        |       | $\vdash$ | 53           | Ш        |          |                 | Ш        | Ц        | $\dashv$ | _        | _         | 4            | Щ        |       |          | 103        |                |              |              |   | Ш          |          |  | _        | $\dashv$      |          |
| 1.5                | 1.4        |               | #            | +  | +       |          | Ш        | <u> </u>                                     | <u> </u>       |              | _        | l     | $\vdash$ | 54<br>55     | Н        |          | _               | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |       |          | 104<br>105 |                |              |              | _   | $\vdash$   |          |  |          | $\dashv$      | $\dashv$ |
| $\vdash$           | 5          | -             | H            | +  | +       | $\vdash$ | $\vdash$ |  |                | _            |          | ł     | -        | 56           | Н        | _        |                 | -        |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | $\vdash$ |       |          | 106        | Н              |              | _            |   | $\vdash$   | -        |  |          |               | $\dashv$ |
| É                  | -          |               | Н            | ╁  | +       | ┼        | $\vdash$ | _  |                | _            |          |       | -        | 57           | Н        |          |                 |          | 1        | $\dashv$ | -        | +         | $\dashv$     | Н        |       |          | 107        |                |              |              |   | $\vdash$   | $\dashv$ | -  | -        | -             | _        |
| +                  |            | _             | H            | +  | +       | +        | $\vdash$ |  | -              | _            | -        | ł     |          | 58           | Н        | _        | _               | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | $\vdash$ |       |          | 108        |                | ٠,           | _            | _   | М          | $\neg$   |  | $\neg$   | $\dashv$      | $\dashv$ |
| -                  | 1          | <u> </u>      | Ħ            | t  | ╁       | ╁        | Н        |  |                | Н            |          | i     | $\vdash$ | 59           | Н        |          | _               | _        |          |          |          | 寸         |              | Ħ        |       |          | 109        |                |              |              |   | П          |          | 一  | $\neg$   | $\dashv$      | $\neg$   |
| $\vdash$           | Tr         |               | Ħ            | T  | $\top$  | $\vdash$ | П        |  |                | Г            | Т        | 1     | Г        | 60           | П        |          | _               |          | П        | $\Box$   |          | ヿ         | ヿ            | П        |       |          | 110        |                |              |              |   | П          | $\Box$   | $\Box$   |          |               |          |
|                    | 1          | 忊             | П            | T  | $\top$  | 1        |          |  |                |              |          | 1     |          | 61           |          |          |                 |          |          |          |          |           |              |          |       |          | 111        |                |              |              |   |            |          |  |          |               |          |
|                    | 12         |               | П            | Ι  | $\top$  |          |          |  |                |              |          | 1     |          | 62           |          |          |                 |          |          |          |          |           |              |          |       |          | 112        |                |              |              |   |            |          |  | Ц        | $\Box$        |          |
| _                  | X          |               | Ц            |  |         |          |          |  |                |              |          |       | ┕        | 63           |          |          |                 |          |          | Ц        |          | _         |              | Ш        |       |          | 113        |                | Ш            |              |   | Ш          |          | $\Box$   | $\Box$   | $\dashv$      |          |
| _                  | 14         |               | Ц            | ╀  | 1       |          |          |  |                | L            | _        |       | $\vdash$ | 64           |          |          |                 | Ш        |          |          |          | _         | _            | Щ        |       |          | 114        |                |              |              |   | Ш          | _        | $\dashv$   | $\dashv$ | $\dashv$      | _        |
| ļ                  | 15         |               | Н            | ╀  | +       | ╄        |          |  | Ш              | _            | _        |       | ⊢        | 65           | Н        | _        | _               |          | Н        | -        | $\dashv$ | -         | $\dashv$     | Н        |       |          | 115<br>116 |                |              |              | _   |            |          |  | $\dashv$ | -             | $\dashv$ |
| -                  | 16         |               | H            | ╀  | +-      | ╄        | _        |  |                |              | -        | 1     | -        | 66<br>67     | -        |          | _               | $\vdash$ |          | -        | _        | $\dashv$  | -            | $\dashv$ |       |          | 117        |                |              | -            | $\vdash$  | Н          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$      | $\dashv$ |
| -                  | 18         |               | ╁            | ╁╴   | ╁       | $\vdash$ | ⊢        | <u> </u>                                     | $\vdash$       |              | $\vdash$ | ł     | $\vdash$ | 68           | H        |          |                 | H        |          |          | _        | -         | $\dashv$     | $\dashv$ |       | _        | 118        |                |              |              |   | H          | $\vdash$ |  | -        | $\dashv$      | $\dashv$ |
| -                  | 19         |               | ╁            | +-   | +-      | +        | -        |  |                | -            | -        | ł     | -        | 69           | _        | _        |                 |          |          |          | $\vdash$ | $\dashv$  | $\dashv$     | $\dashv$ |       |          | 119        | _              |              |              | $\vdash$  | Н          |          | $\dashv$   | $\vdash$ |               | _        |
| $\vdash$           | 20         |               | H            | ╁  | ╁       | +        | $\vdash$ | H  | H              |              | $\vdash$ | ł     | $\vdash$ | 70           |          |          |                 |          |          |          |          | $\dashv$  | ᅱ            | $\neg$   |       |          | 120        | _              |              |              |   | $\Box$     |          | $\neg$   |          | $\dashv$      | Н        |
| $\vdash$           | 2          |               | H            | +  | +       | +        |          | $\vdash$                                     | $\vdash$       | $\vdash$     | $\vdash$ | ł     | $\vdash$ | 71           |          | _        | _               |          |          |          |          |           | $\dashv$     | -        |       |          | 121        | Н              | H            | H            | -   | $\vdash$   | $\vdash$ | -  | $\vdash$ | $\dashv$      | $\dashv$ |
| ╌                  | 22         |               | ╁            | 十  | +       | +        |          | ┢  | -              | Н            | ┢        | 1     | -        | 72           |          |          |                 |          |          |          |          | $\dashv$  | ┪            | Н        |       | -        | 122        | -              | -            | Н            |   | Н          | П        | П  |          | П             | Н        |
| :-  <del>-</del> - | Z          | 1             | 1.           | 1.   | t       | 1        | -        | -  | -              | _            | _        |       | -        | 73           |          |          |                 |          |          |          |          | $\exists$ |              | _        |       |          | 123        |                | :            | _            |   |            | П        |  | П        | П             | П        |
| E                  | 2          |               | Н            |  | -       | -        | π.       |  | , Eg. 27.      |              |          |       | -:       | 74           |          |          |                 | ٠.       | 1.       |          |          |           |              |          |       | Ĭ.;      | 124        | 1              |              | - 0          | -   |            | -        | =  | ==       | .÷.           |          |
| E                  | 2          | 3             |              |  |         | 1 -      | -        | -  |                |              | -        | -     |          | 75           | -        | ŀ        | į į             |          |          |          |          |           |              |          | 1.    | 1        | 125        | 70.00<br>70.00 | <u>-</u>     |              |   |            |          | = <u> </u>                                       |          |               |          |
|                    | 26         |               |              |  |         | L        |          | <u>.                                    </u> |                | Ŀ            |          | ]^    |          | 76           | -        |          |                 | ·        |          |          |          |           |              |          |       |          | 126        |                |              | _            |   |            |          |  | Ľ        |               |          |
|                    | 20         | Ш             | Ц            |  | ┸       | <u> </u> | L        |  | _              | _            | L        | 1     | L        | 77           | $\perp$  | _        | L               |          |          |          |          |           |              | Щ        |       |          | 127        | _              | <u>L</u>     | Ŀ            | L   |            |          | Ш  | Ш        | Ш             | Ш        |
| _                  |            |               | Ц            | 4  | 1       | _        | _        | L  | L              | _            | _        |       | <u> </u> | 78           | <u> </u> |          |                 | <u> </u> |          |          |          |           |              |          |       | _        | 128        | L              | _            | <u> </u>     | <u> </u>  | Ľ          | ш        | $\sqcup$   | Ш        | Ш             | Н        |
| -  -               | 29         |               |              | 4  | 1       | ╄-       | <u> </u> | ļ  | <u> </u>       | -            | _        | ١.    | -        | 79           |          | <u> </u> | _               | <u> </u> | <u> </u> |          |          | $\Box$    |              |          |       | L.       | 129        | -              | 27.          | <del> </del> | -   | <u> </u>   | -        | _  | _        |               | Н        |
| -                  | 3          |               | ╢            | +  | ┿       | -        |          | <b>├</b> -                                   | <del>  -</del> | -            | -        | ١.    | -        | 80           | ├        | -        | _               | -        | Ë        | H        | _        | $\vdash$  | _            | H        |       |          | 130        |                | -            | -            | -   | ⊣          | Ŀ        | H  | -        | Н             | H        |
|                    | 3          |               | Н            | +  | ╁       | -        | -        | H  | ┢              | <del> </del> | ┝        | ł     | -        | 82           | ╁─       |          | $\vdash$        |          | H        | ⊢        |          | Н         |              | ⊢        | ł     | -        | 131        |                | <del> </del> | -            |   | $\vdash$   | $\vdash$ | ├  |          | Н             | H        |
| ·  -               | 3          |               | Н            | ╁  | 十       | ┿        | $\vdash$ | $\vdash$                                     | $\vdash$       | $\vdash$     | ┝        | 1     | $\vdash$ | 83           | ╁╴       | ┝        | ┢               | ⊢        | $\vdash$ | $\vdash$ |          |           |              |          |       | -        | 133        | +              | ┢            | $\vdash$     |   | $\vdash$   | ┢        | <del>                                     </del> |          | Н             | Н        |
| 1                  | 34         |               | Н            | +  | +       | +        | 1        | H  |                | $\vdash$     | H        | 1     | $\vdash$ | 84           | 1-       | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$ | $\vdash$ |          | -         |              | $\vdash$ | i     | -        | 134        |                | t            | H            |   | ✝          | 一        | $\vdash$   | ·        | $\vdash$      | $\vdash$ |
| ۲                  | 3          | $\rightarrow$ | 11           | $\top$                                       | $\top$  | †        | -        | <del>  -</del>                               | ╁╴             |              | T        | 1     |          | 85           | T        | T        |                 | H        | T        |          |          |           |              | Ι-       | 1     | Г        | 135        |                | $\vdash$     | ┢            | <del>                                     </del>  | 厂          |          | $\vdash$   | T        |               |          |
|                    | 130        | ŧ I           | П            |  | i       | $\top$   | T        | Г  | T -            | 1            | 1        | 1     |          | 86           |          | Г        | 1               |          |          |          | -        |           |              |          |       | Г        | 136        |                |              | T            |   | Г          |          |  |          |               |          |
|                    | <b>\</b> 3 |               |              |  | I       |          |          |  |                |              |          | 1     |          | 87           |          | Ī        |                 |          |          |          |          |           |              |          |       |          | 137        | 1              |              |              |   |            |          |  |          |               |          |
|                    | 3          | -             | L            |  | $\perp$ |          |          |  |                |              |          | ]     |          | 88           | -        |          |                 |          |          |          |          |           |              |          |       |          | 138        |                |              |              |   | L          |          | L  | L        |               | L        |
| <u> </u>           | 3          |               | $\downarrow$ | Щ.   | $\perp$ | $\perp$  | <u> </u> | L  |                | L            | L        | 1     | $\perp$  | 89           |          |          | L               | ┖        | L        |          |          |           | L            |          |       | _        | 139        | <u> </u>       |              | L            |   | ╙          | L        | <u> </u>   | ـــــ    | 辶             | <u> </u> |
| L                  | 41         | -             | L            | 1  | $\perp$ | $\perp$  | L        | L  | L              | L            | $\perp$  |       | L        | 90           | 1_       | _        | _               | $\perp$  | <u> </u> | <u> </u> | _        |           |              | <u> </u> |       | L        | 140        |                | L            | $oxed{oxed}$ | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | 丄          | L        | 上  | ot       | _             | <u> </u> |
| L                  | 4          |               | L            | $\parallel$                                  | $\perp$ | _        | $\perp$  | $oxed{oxed}$                                 | $oxed{oxed}$   | L            |          |       |          | 91           |          | L        | L               |          | _        |          |          | L         |              | _        |       | <u></u>  | 14         | _              | L            | $\perp$      | L   | oxdapsilon | <u> </u> | <u> </u>   | $\vdash$ | $\vdash$      | Ш        |
| <u></u>            | 42         |               | 4            | 4  | 1       | _        | _        | <u> </u>                                     | $oxed{oxed}$   | L            | ┖        | 1     | L        | 92           |          | _        | $oxed{igspace}$ | _        |          | L        | _        | Ĺ         | _            | 1        | 1     | <u>_</u> | 142        |                | <u> </u>     | L            | $\vdash$  | $\vdash$   | ـ        | $\vdash$   | $\vdash$ | $\vdash$      | <u> </u> |
| 4                  | 1.         | _             | +            | +  | +-      | +        | $\vdash$ | -  | <u> </u>       | 1            | $\perp$  | 4     | L        | 93           | +-       | $\vdash$ | $\vdash$        | _        | $\vdash$ |          | _        | $\vdash$  | <u> </u>     | ┞-       | -     | -        | 143        | _              | <u> </u>     | <u> </u>     | $\vdash$  | ₽          | ⊢        | ₩  | ₩        |               | $\vdash$ |
| -                  | 4          | _             | +            | +  | +       | -        | $\vdash$ | ⊢  | $\vdash$       | ╀            | ╀        | 4     | -        | 94           |          | L        | ╀               | 1        | $\vdash$ | $\vdash$ | _        |           | _            |          | 1     | $\vdash$ | 144        |                | -            | 1            | 1   | $\vdash$   | $\vdash$ | ├-   | ╁        | -             | ╁—       |
| " <u> </u> -       | 4          |               | +            | +  | +       | +-       | $\vdash$ | $\vdash$                                     | ⊢              | ╀            | $\vdash$ | -     | $\vdash$ | 95<br>96     | +-       | $\vdash$ | $\vdash$        | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$  | -            | +-       | 1     | $\vdash$ | 145        |                | +            | ╀            | $\vdash$  | +          | $\vdash$ | $\vdash$   | $\vdash$ | +             | +        |
| $\vdash$           | 4          |               | +            | ╁  | +       | +        | $\vdash$ | $\vdash$                                     | $\vdash$       | ╁            | ╁        | 1     | $\vdash$ | 97           | -        | $\vdash$ | +               | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$  | $\vdash$     | +        | 1     | $\vdash$ | 14         |                | $\vdash$     | ╁╴           | $\vdash$  | +          | $\vdash$ | $\vdash$   | +        | $\vdash$      | $\vdash$ |
| -                  | 44         |               | +            | +-   | +       | +        | 1        | +  | $\vdash$       | +            | $\vdash$ | 1     | $\vdash$ | 98           |          | +-       | ╁╴              | +        | +        | -        | -        | -         | <del> </del> | +        | 1     | Н        | 148        |                | +            | +            |   | +          | +        | $\vdash$   | +        | +             | $\vdash$ |
|                    | 4          |               | T            | $\dagger$                                    | T       | +-       | 1        | t  | t              | t            | T        | 1     | H        | 99           |          | $\vdash$ | T               | t        | T        | T        | T        | $\vdash$  | Т            | +        | 1     | -        | 149        |                | T            | T            | ╁   | T          | T        | $\vdash$   | T        | $\vdash$      | T        |
|                    | 50         |               | I            |  |         | 1        |          | Τ  |                |              | Τ        | 1     |          | 100          |          |          |                 |          |          |          |          |           |              |          | 1     |          | 150        |                |              |              | 1   | 1_         | $\Box$   | $\Box$   | L        |               |          |

If more than 150 claims or 10 actions staple additional sheet here

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